## CLAIMS

1. A method of manufacturing a honeycomb catalyst, comprising:

immersing an end surface of a honeycomb carrier in a slurry containing a ceramic powder in a reservoir tank;

pressing the slurry into part of cells of the honeycomb carrier while pressing the end surface of the honeycomb carrier against a bottom surface of the reservoir tank;

separating, from the reservoir tank, the honeycomb carrier with the slurry pressed into said part of the cells; and

removing the slurry attached to the end surface of the honeycomb carrier.

2. The method of manufacturing a honeycomb catalyst according to claim 1, wherein the slurry is removed from the end surface of the honeycomb carrier, while separating the honeycomb carrier from the reservoir tank.

3. The method of manufacturing a honeycomb catalyst according to claim 1, wherein the slurry is dried by blowing air on, or applying heat to, the end surface of the honeycomb carrier separated from the reservoir tank

4. The method of manufacturing a honeycomb catalyst according to claim 1, wherein the honeycomb carrier with the slurry pressed into said part of the cells is separated from the reservoir tank before removing the slurry from the end surface of the honeycomb carrier.

5. The method of manufacturing a honeycomb catalyst according to claim 1, wherein the slurry may be removed from the end surface of the honeycomb carrier before drying the slurry by blowing air on, or applying

heat to, the end surface of the honeycomb carrier separated from an inside of the reservoir tank.

6. The method of manufacturing a honeycomb catalyst according to claim 1, wherein the slurry is removed by sliding a scraper relative to the end surface of the honeycomb carrier.

7. A method of manufacturing a honeycomb catalyst, comprising:

immersing an end surface of a honeycomb carrier in a slurry containing a ceramic powder in a reservoir tank;

pressing the slurry into part of cells of the honeycomb carrier while pressing the end surface of the honeycomb carrier against a bottom surface of the reservoir tank;

separating, from the reservoir tank, the honeycomb carrier with the slurry pressed into said part of the cells; and

drying the slurry by blowing air on, or applying heat to, the end surface of the honeycomb carrier separated from the reservoir tank.